

201050 64669001

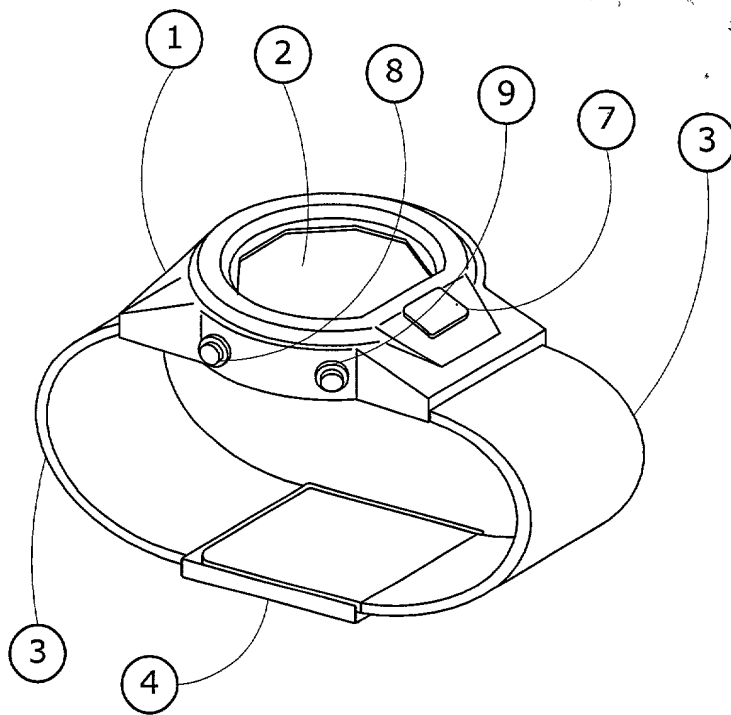


FIG.-1

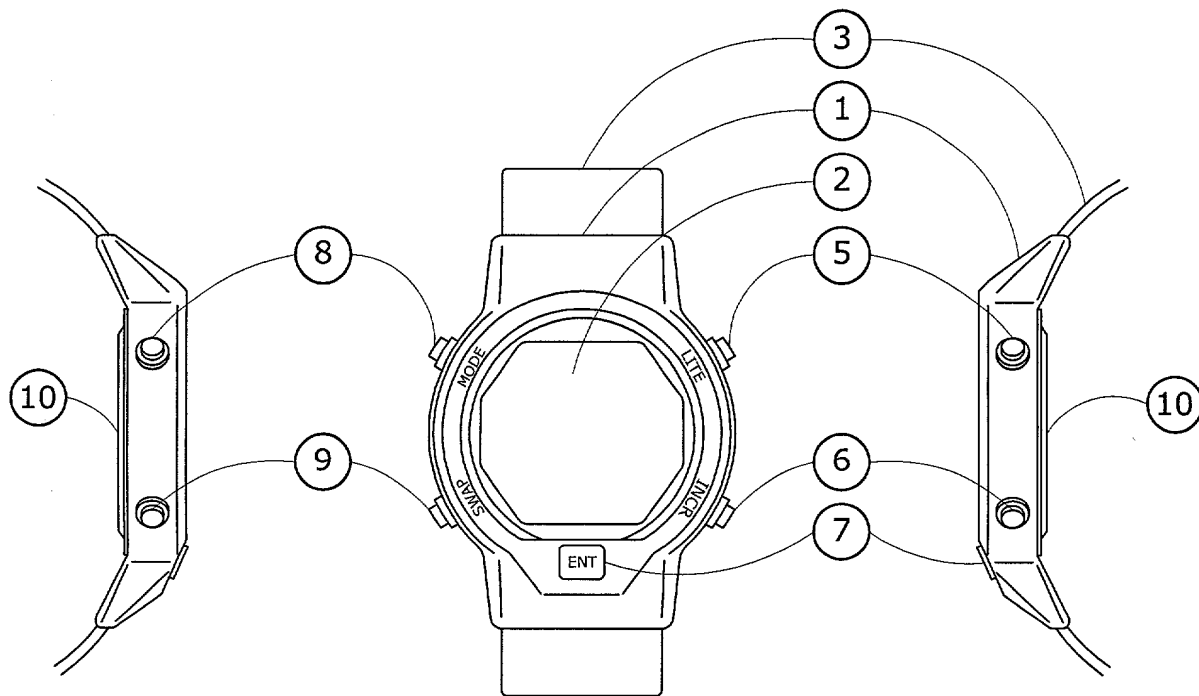


FIG.-2

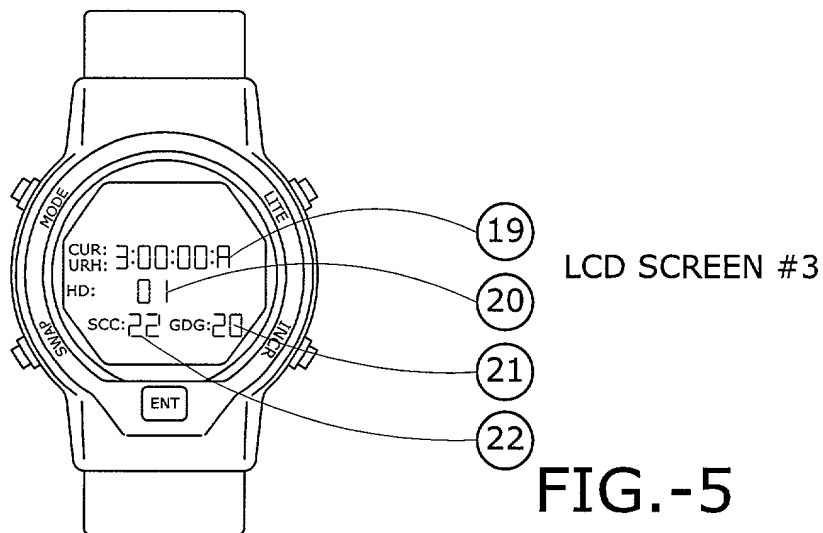
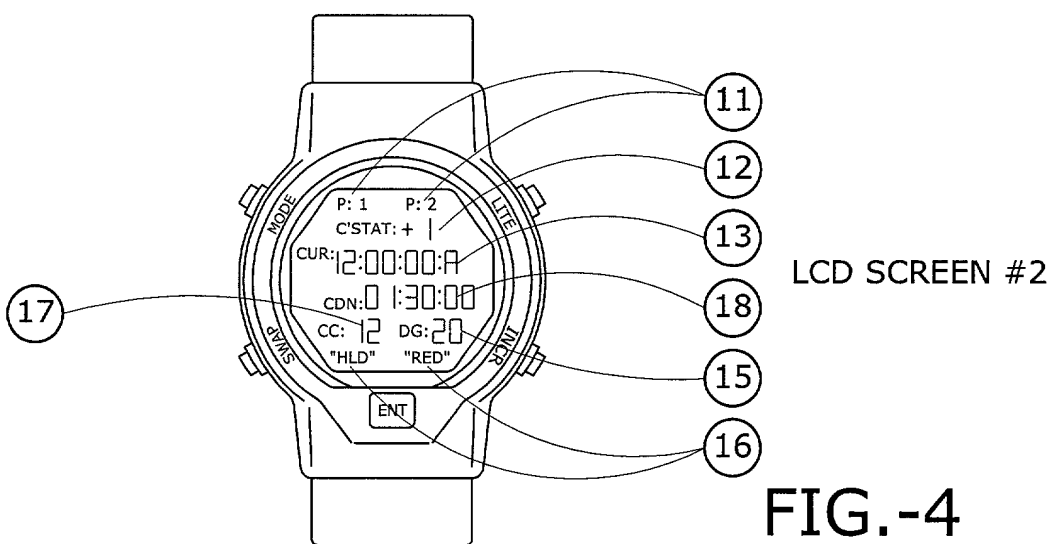
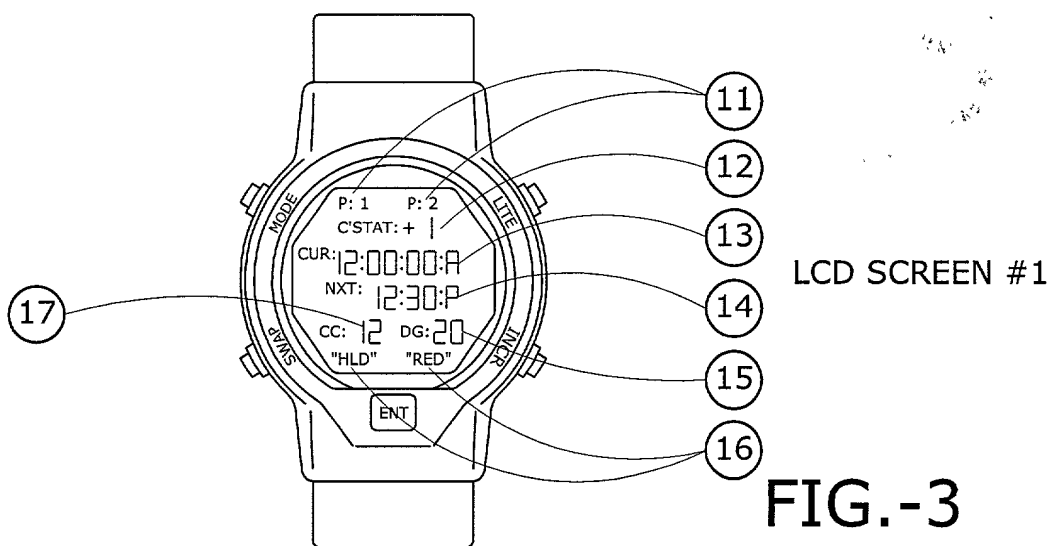


FIG.-6a

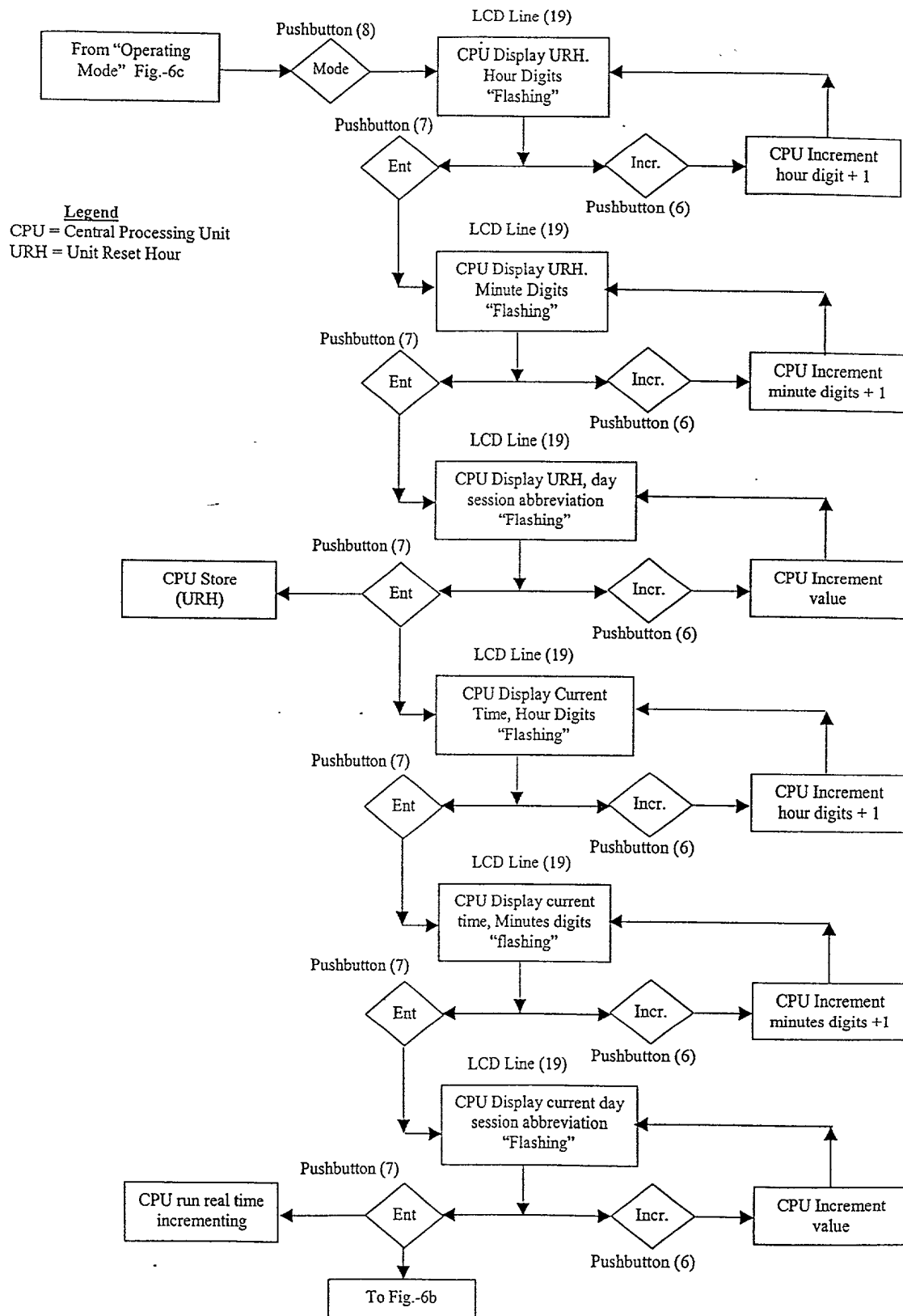
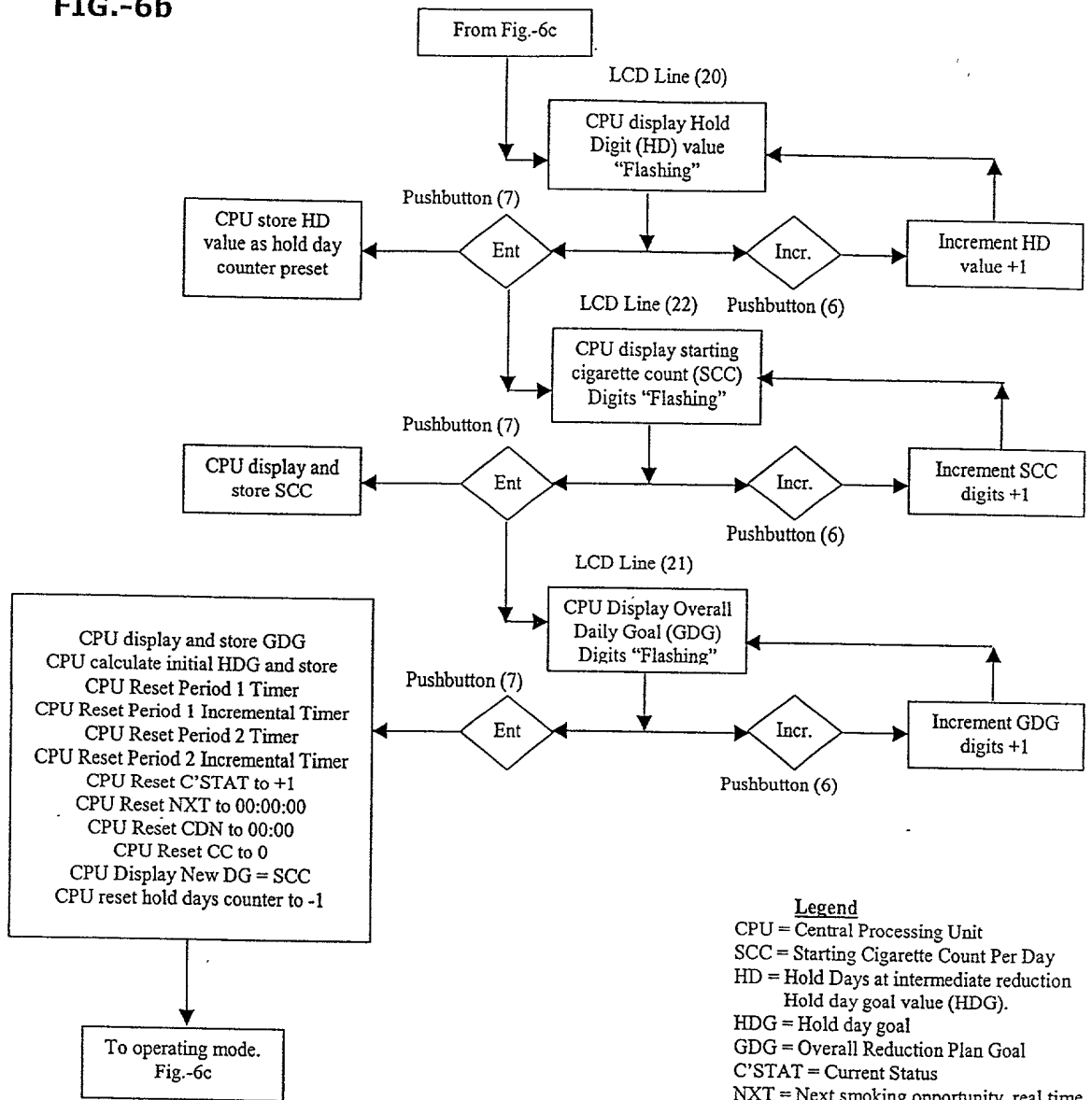


FIG.-6b



**Legend**

CPU = Central Processing Unit  
 SCC = Starting Cigarette Count Per Day  
 HD = Hold Days at intermediate reduction  
 HDG = Hold day goal  
 GDG = Overall Reduction Plan Goal  
 C'STAT = Current Status  
 NXT = Next smoking opportunity, real time  
 CDN = Countdown time to next smoking--  
 Opportunity  
 CC = Current count of cigarettes smoked per  
 day  
 DG = Daily goal cigarettes per day

FIG.-6c

**Legend**  
 CPU = Central Processing Unit  
 C'STAT = Current Status  
 CC = Current Cigarettes Per Day  
 URH = Unit Reset Hour  
 CDN = Countdown Timer  
 NXT = Next Smoking Opportunity

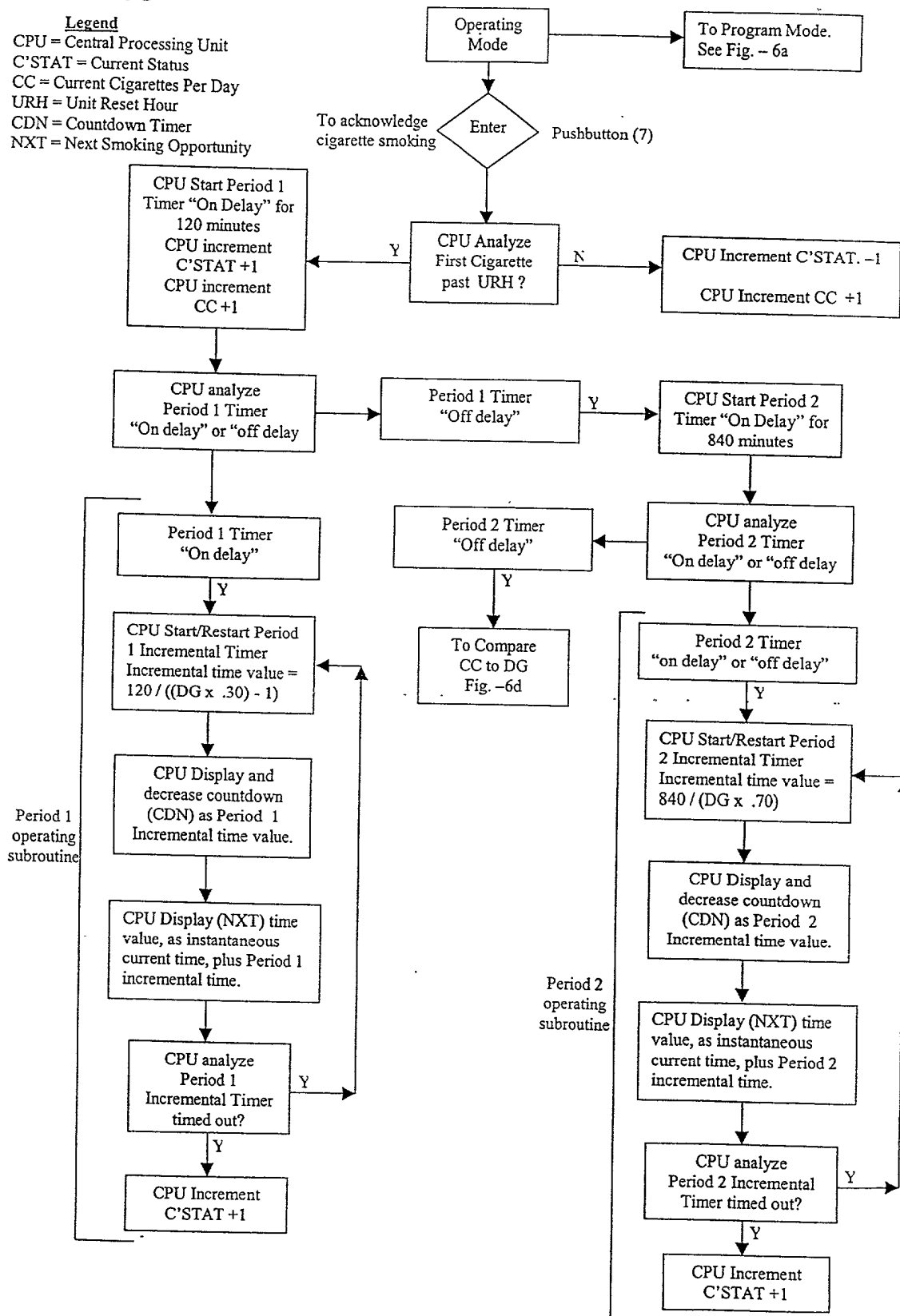
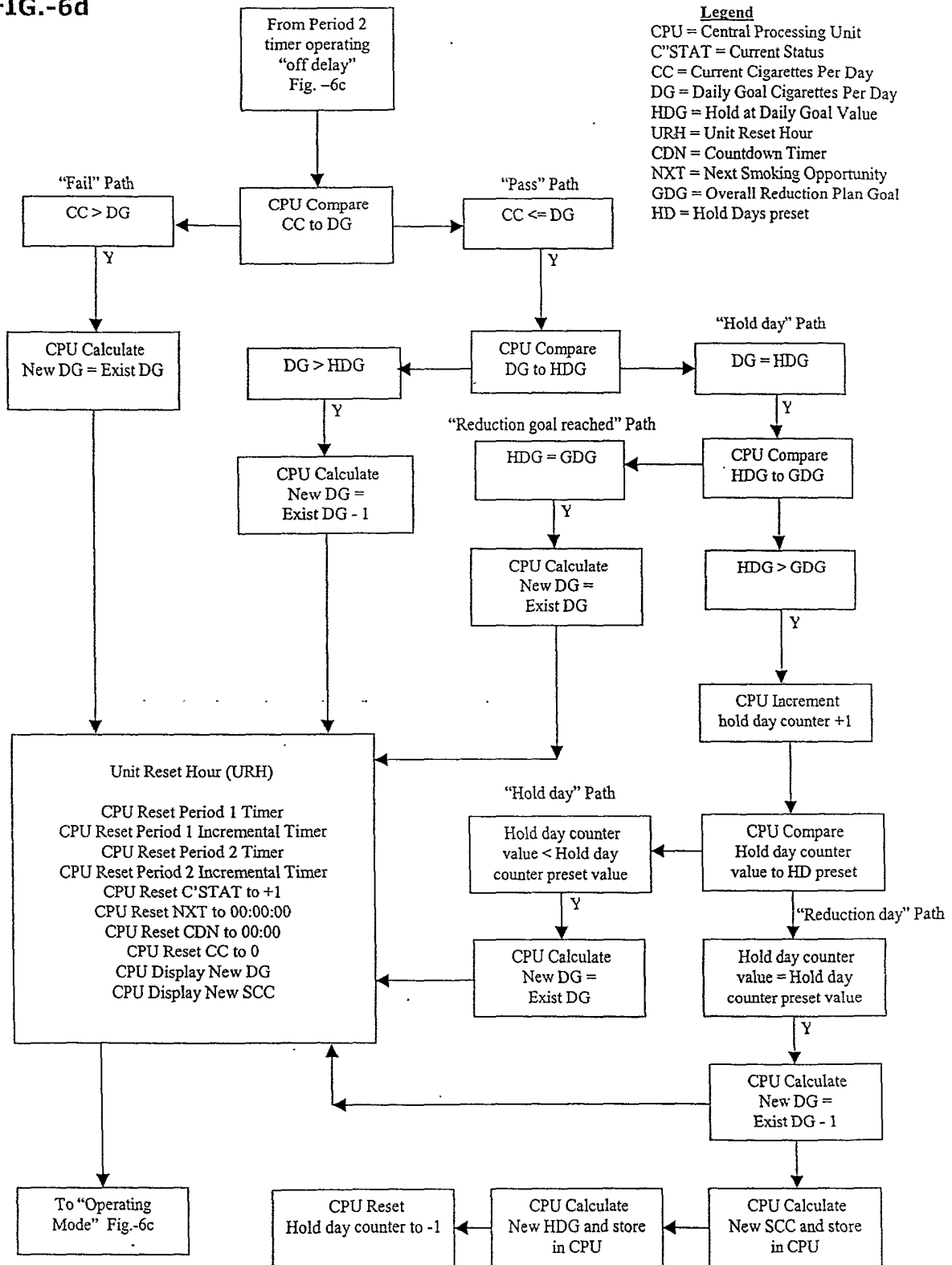
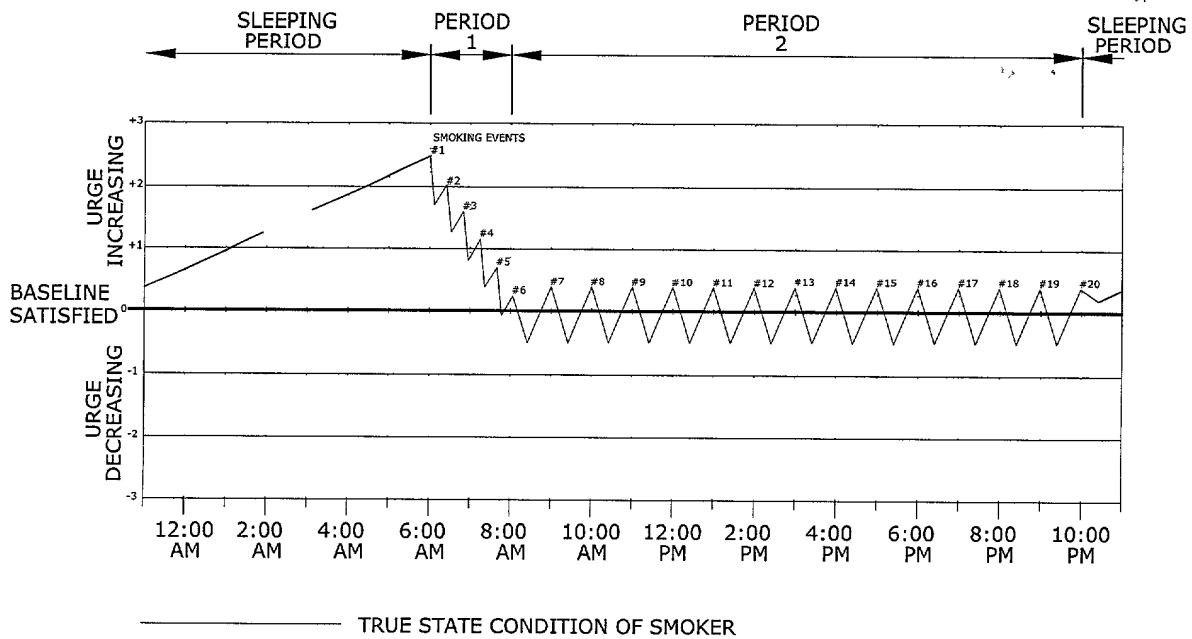


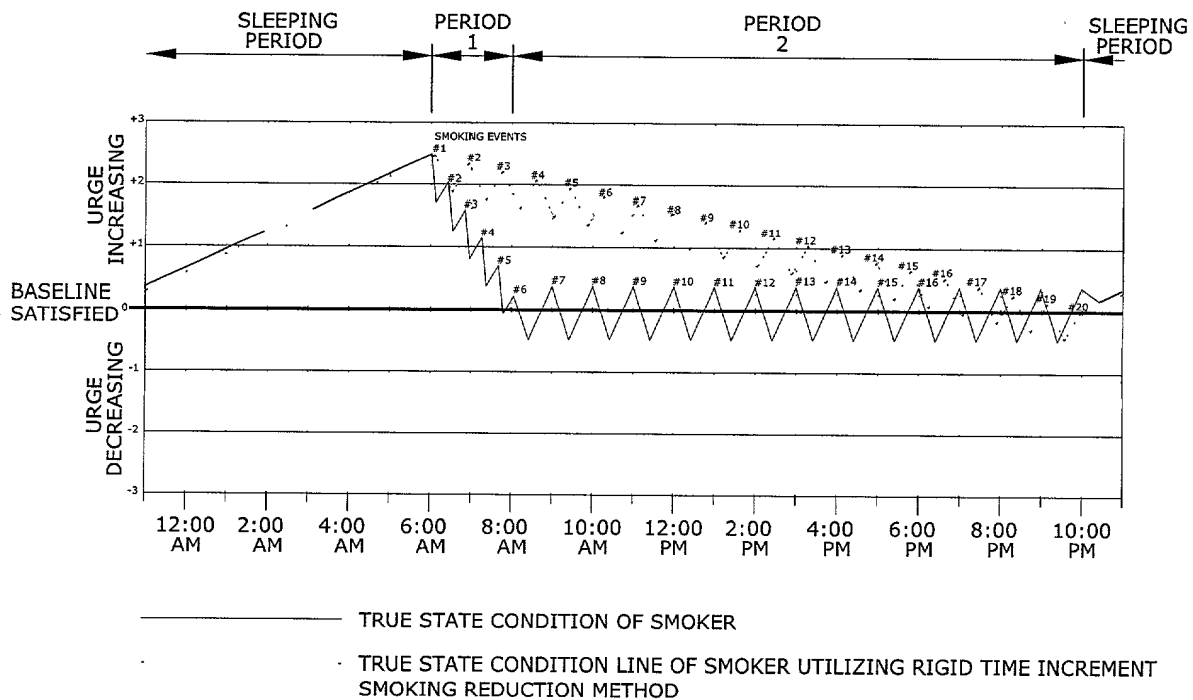
FIG.-6d



# FIG.-7a

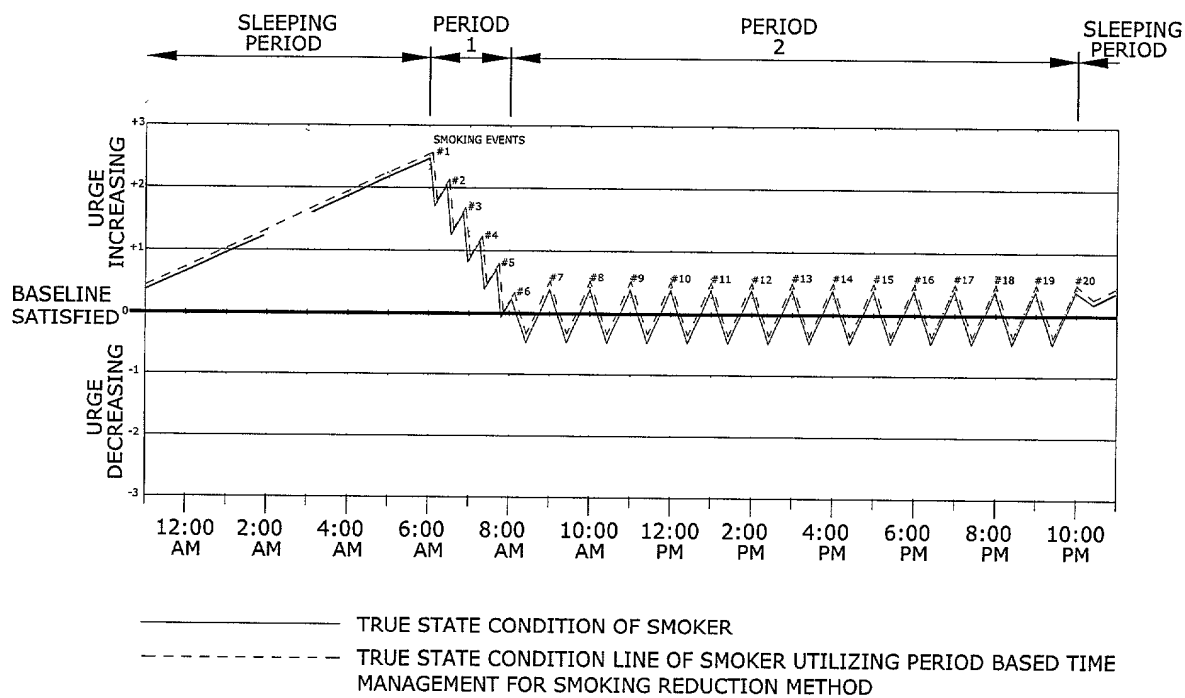


GRAPH 1



GRAPH 2

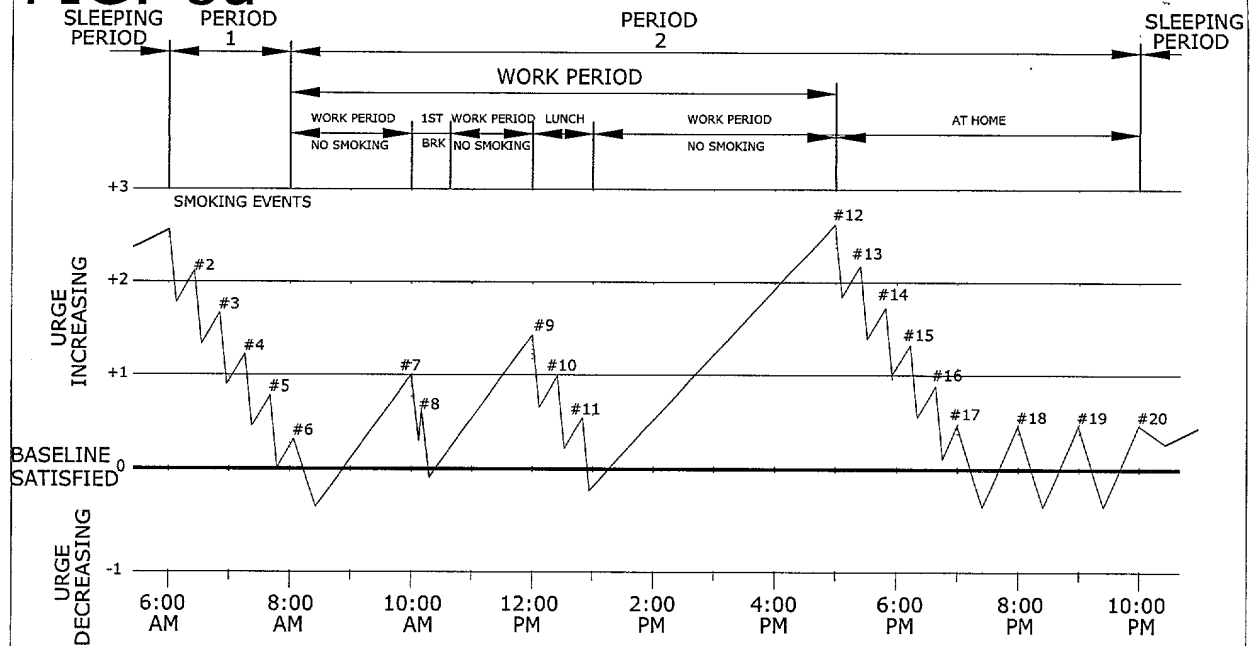
# FIG.-7b



GRAPH 3

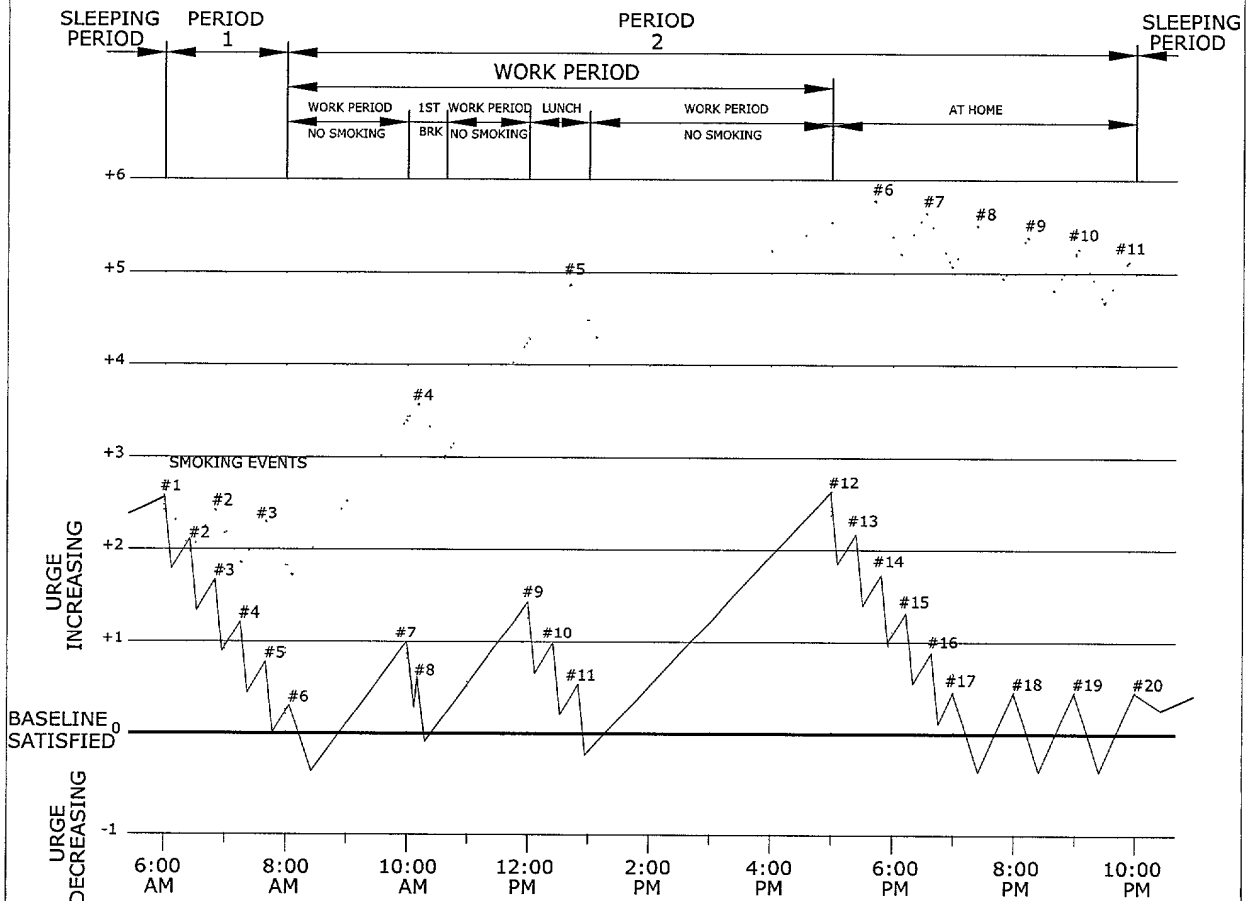


# FIG.-8a



GRAPH 4

TRUE STATE CONDITION OF SMOKER

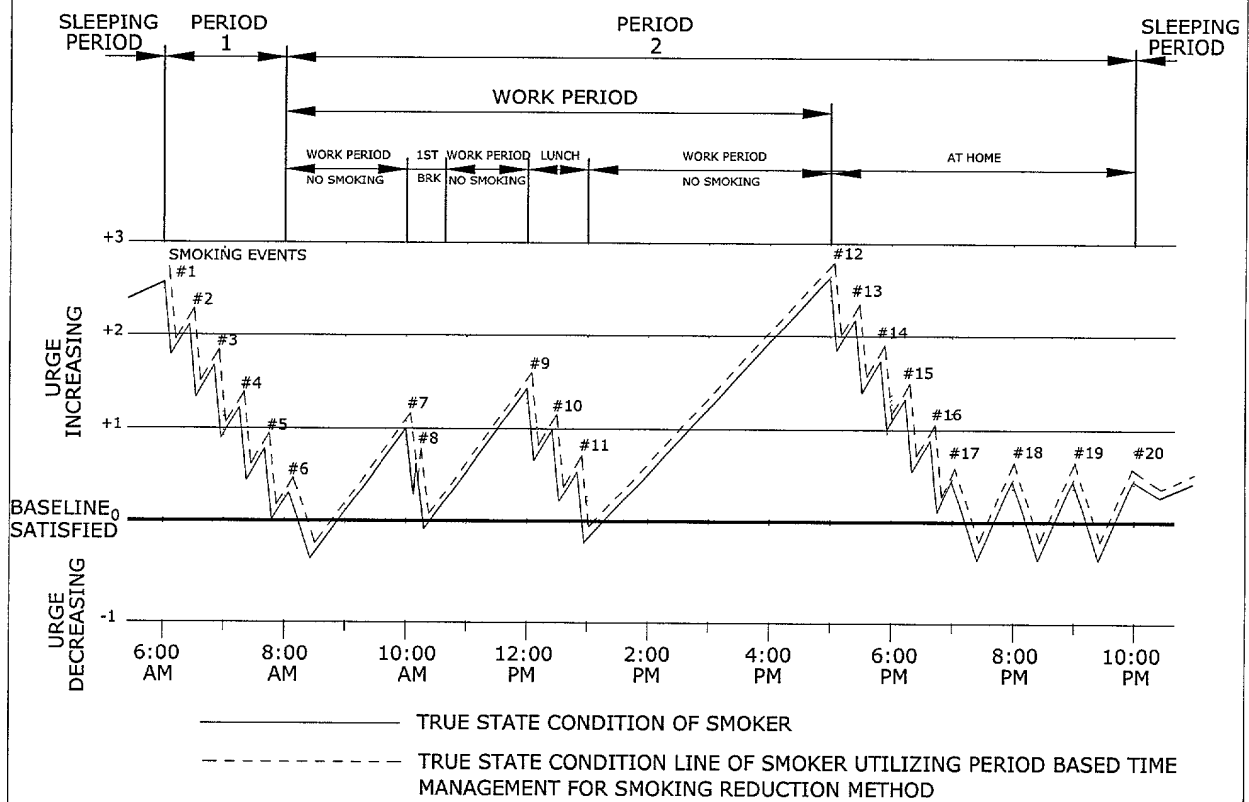


GRAPH 5

TRUE STATE CONDITION OF SMOKER

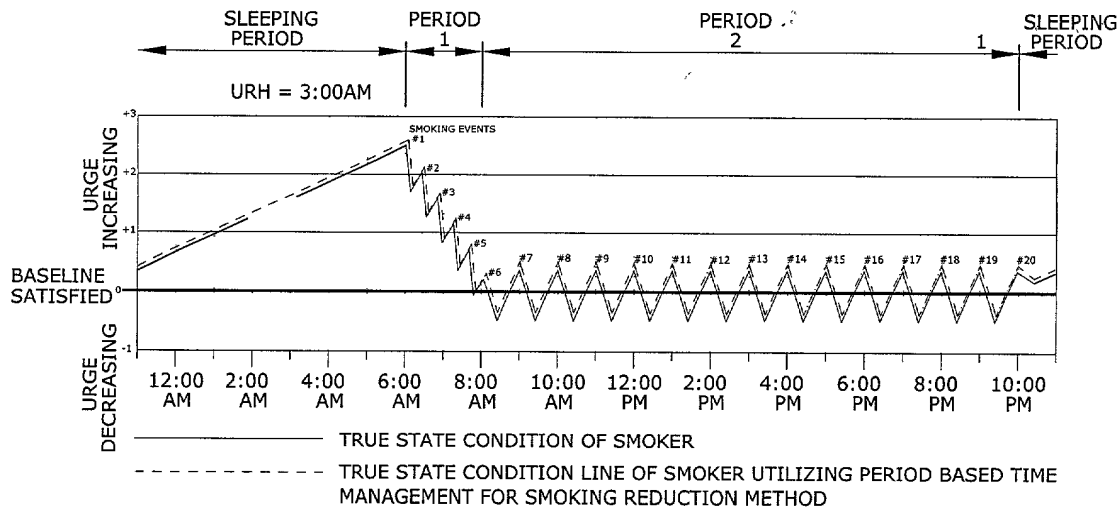
TRUE STATE CONDITION LINE OF SMOKER UTILIZING RIGID TIME INCREMENT  
SMOKING REDUCTION METHOD

# FIG.-8b



GRAPH 6

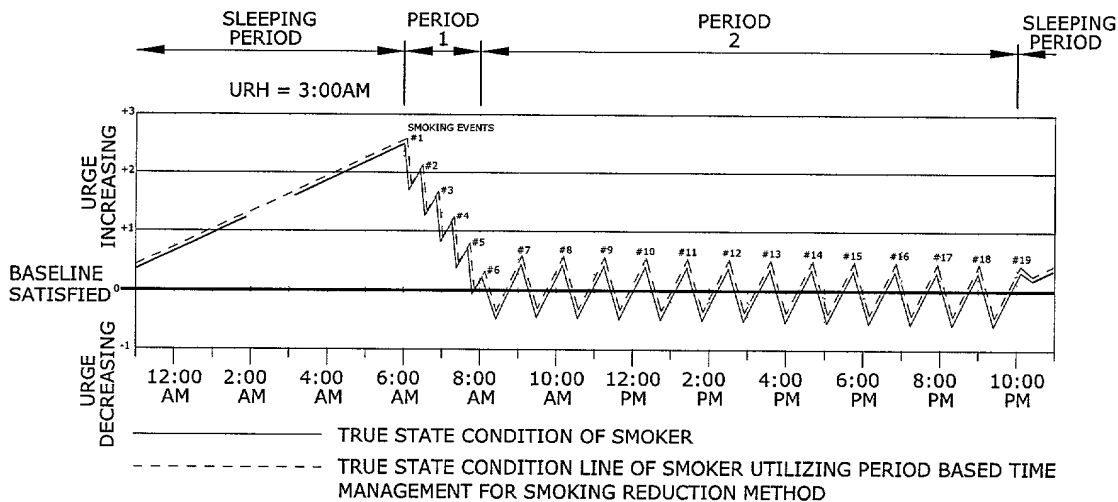
# FIG.-9a



STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 20 - ((20 - 10) \times .30) = 17$

GOAL CIGARETTES PER DAY, DAY 1 (DG) = 20  
 PERIOD 1 CIGARETE VALUE = (DG)  $\times$  30% = 20  $\times$  .30 = 6  
 PERIOD 2 CIGARETE VALUE = (DG)  $\times$  70% = 20  $\times$  .70 = 14  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((20 \times .30) - 1) = 24 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (20 \times .70) = 1 \text{ HR } 0 \text{ MIN}$

GRAPH 7  
 DAY 1  
 HOLD DAY

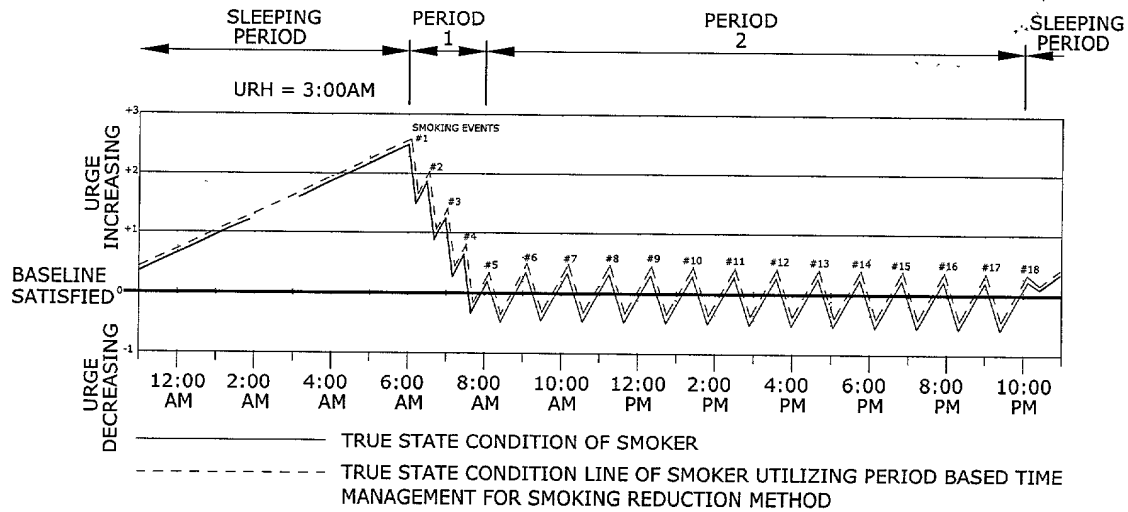


STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 20 - ((20 - 10) \times .30) = 17$

GOAL CIGARETTES PER DAY, DAY 2 (DG) = 19  
 PERIOD 1 CIGARETE VALUE = (DG)  $\times$  30% = 19  $\times$  .30 = 6  
 PERIOD 2 CIGARETE VALUE = (DG)  $\times$  70% = 19  $\times$  .70 = 13  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((20 \times .30) - 1) = 24 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (19 \times .70) = 1 \text{ HR } 5 \text{ MIN}$

GRAPH 8  
 DAY 2  
 REDUCTION DAY

# FIG.-9b



STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 20 - ((20 - 10) X .30) = 17

GOAL CIGARETTES PER DAY, DAY 3 (DG) = 18

PERIOD 1 CIGARETE VALUE = (DG) X 30% = 18 X .30 = 5

PERIOD 2 CIGARETE VALUE = (DG) X 70% = 18 X .70 = 13

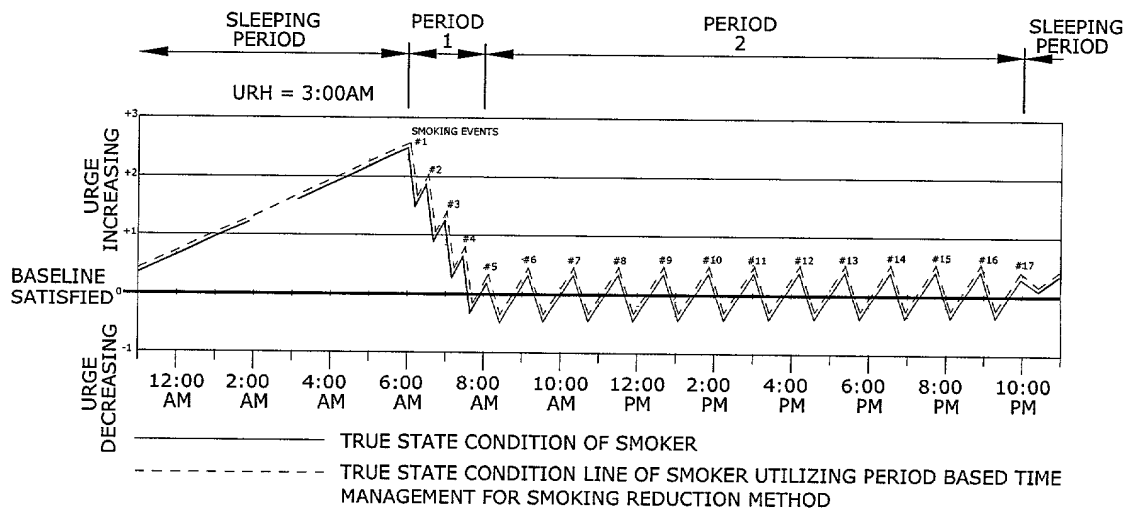
PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((18 X .30) - 1) = 30 MIN

PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (18 X .70) = 1 HR 5 MIN

GRAPH 9

DAY 3

REDUCTION DAY



STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 20 - ((20 - 10) X .30) = 17

GOAL CIGARETTES PER DAY, DAY 4, 5, 6, 7, 8, 9 (DG) = 17

PERIOD 1 CIGARETE VALUE = (DG) X 30% = 17 X .30 = 5

PERIOD 2 CIGARETE VALUE = (DG) X 70% = 17 X .70 = 12

PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((17 X .30) - 1) = 30 MIN

PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (17 X .70) = 1 HR 10 MIN

GRAPH 10

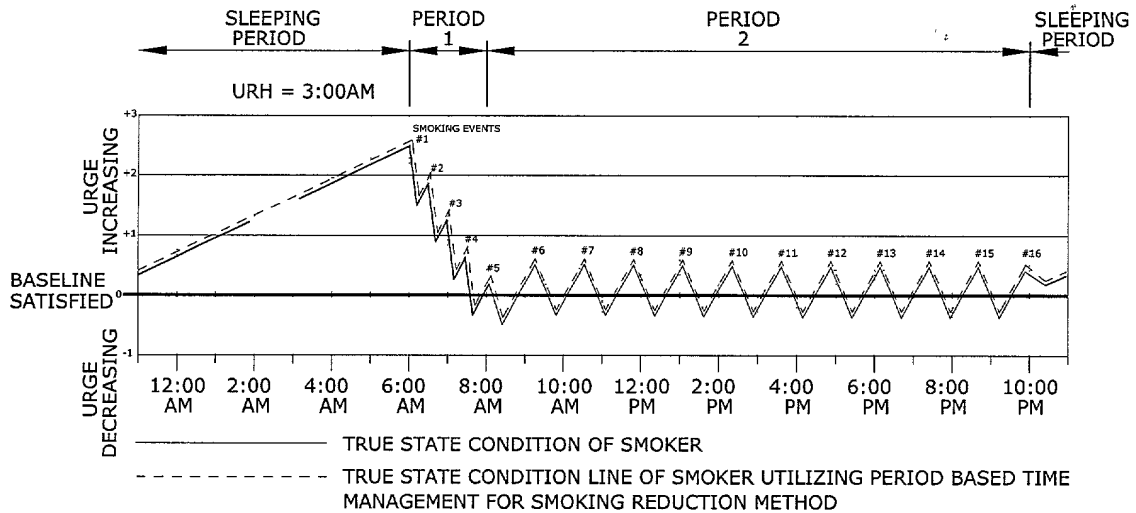
DAY 4

REDUCTION DAY

DAY 5, 6, 7, 8, 9

HOLD DAYS

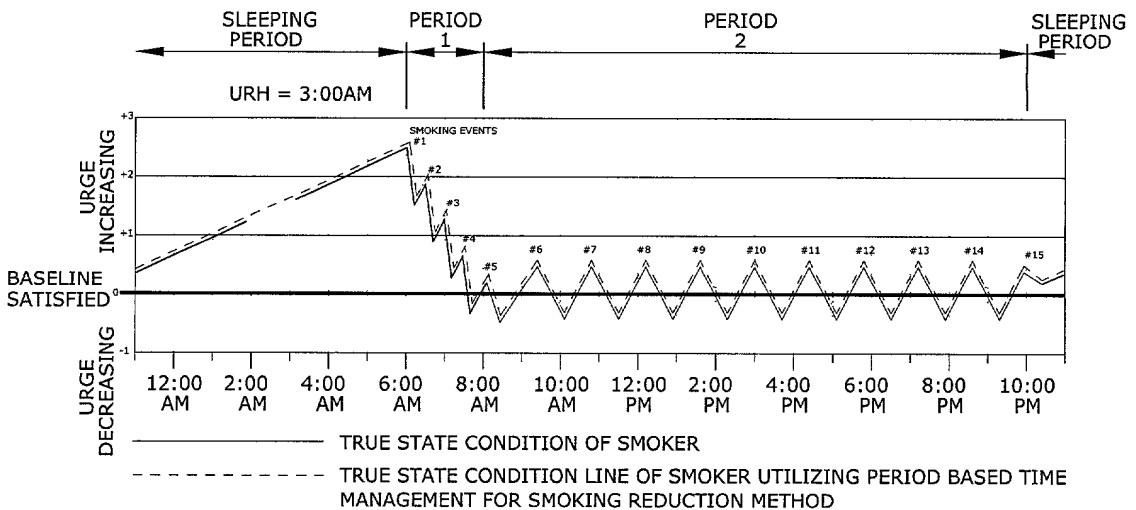
# FIG.-9c



STARTING CIGARETTE COUNT (SCC) = 17 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 17 - ((17 - 10) X .30) = 15

GOAL CIGARETTES PER DAY, DAY 10 (DG) = 16  
 PERIOD 1 CIGARETTE VALUE = (DG) X 30% = 16 X .30 = 5  
 PERIOD 2 CIGARETTE VALUE = (DG) X 70% = 16 X .70 = 11  
 PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((16 X .30) - 1) = 30 MIN  
 PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (16 X .70) = 1 HR 16 MIN

GRAPH 11  
 DAY 10  
 REDUCTION DAY



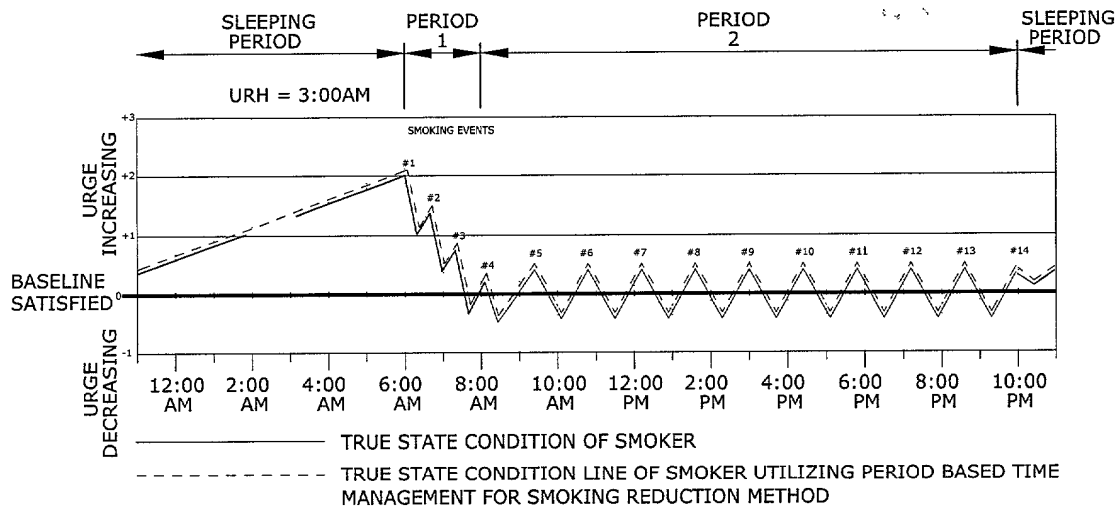
STARTING CIGARETTE COUNT (SCC) = 17 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 17 - ((17 - 10) X .30) = 15

GOAL CIGARETTES PER DAY, DAY 11, 12, 13, 14, 15, 16 (DG) = 15  
 PERIOD 1 CIGARETTE VALUE = (DG) X 30% = 15 X .30 = 5  
 PERIOD 2 CIGARETTE VALUE = (DG) X 70% = 15 X .70 = 10  
 PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((15 X .30) - 1) = 30 MIN  
 PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (15 X .70) = 1 HR 24 MIN

GRAPH 12  
 DAY 11  
 REDUCTION DAY  
 DAY 12, 13, 14, 15, 16  
 HOLD DAYS

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# FIG.-9d



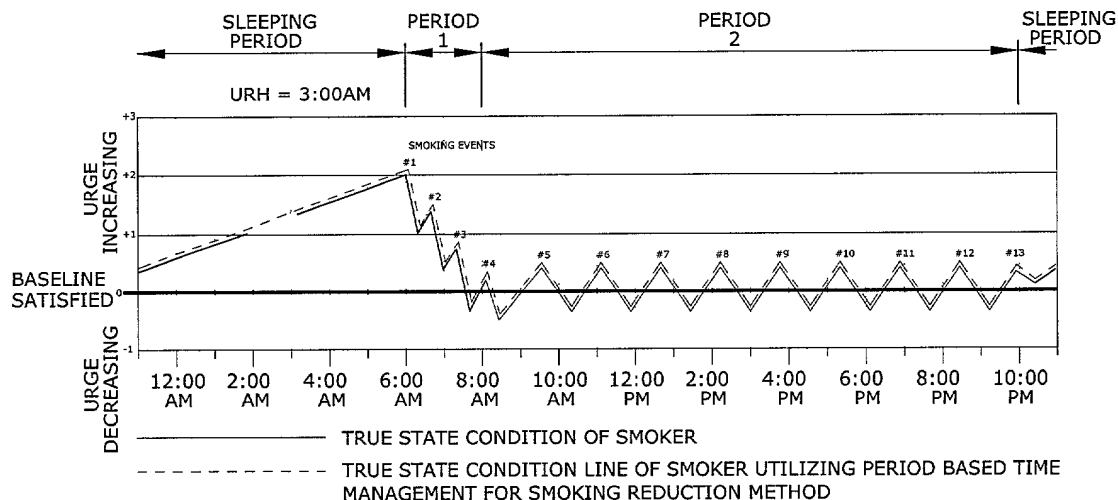
STARTING CIGARETTE COUNT (SCC) = 15 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 15 - ((15 - 10) \times .30) = 13$

GOAL CIGARETTES PER DAY, DAY 17 (DG) = 14  
 PERIOD 1 CIGARETE VALUE = (DG)  $\times$  30% = 14  $\times$  .30 = 4  
 PERIOD 2 CIGARETE VALUE = (DG)  $\times$  70% = 14  $\times$  .70 = 10  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((14 \times .30) - 1) = 40 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (14 \times .70) = 1 \text{ HR } 24 \text{ MIN}$

GRAPH 13

DAY 17

REDUCTION DAY



STARTING CIGARETTE COUNT (SCC) = 15 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 15 - ((15 - 10) \times .30) = 13$

GOAL CIGARETTES PER DAY, DAY 18, 19, 20, 21, 22, 23 (DG) = 13

PERIOD 1 CIGARETE VALUE = (DG)  $\times$  30% = 13  $\times$  .30 = 4

PERIOD 2 CIGARETE VALUE = (DG)  $\times$  70% = 13  $\times$  .70 = 9

PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((13 \times .30) - 1) = 40 \text{ MIN}$

PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (13 \times .70) = 1 \text{ HR } 33 \text{ MIN}$

GRAPH 14

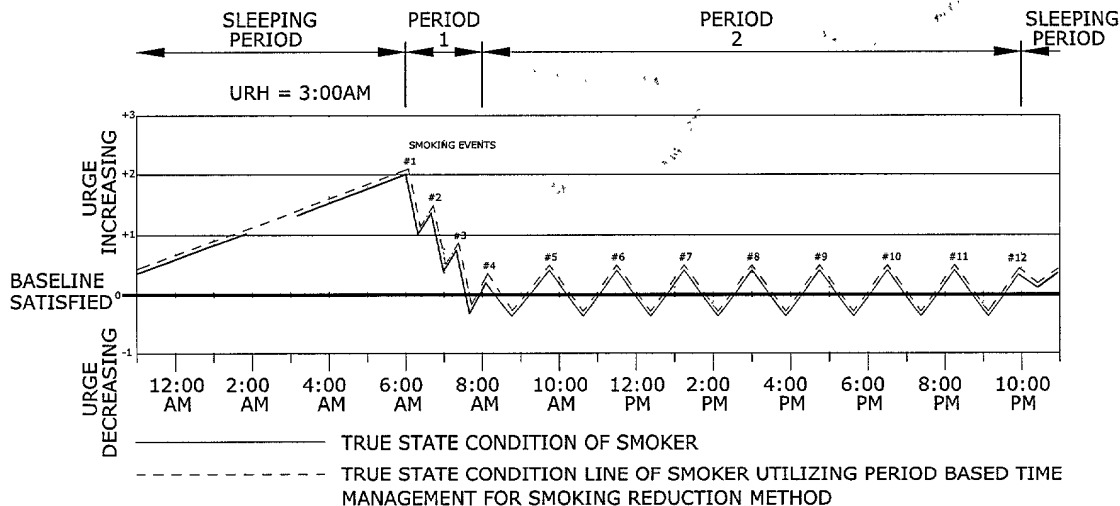
DAY 18

REDUCTION DAY

DAY 19, 20, 21, 22, 23

HOLD DAYS

# FIG.-9e



STARTING CIGARETTE COUNT (SCC) = 13 (UPDATED BY CPU)

OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10

UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM

PROGRAMMED HOLD DAYS (HD) = 5

CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 13 - ((13 - 10) X .30) = 12

GRAPH 15

DAY 24

REDUCTION DAY

DAY 25, 26, 27, 28, 29  
HOLD DAYS

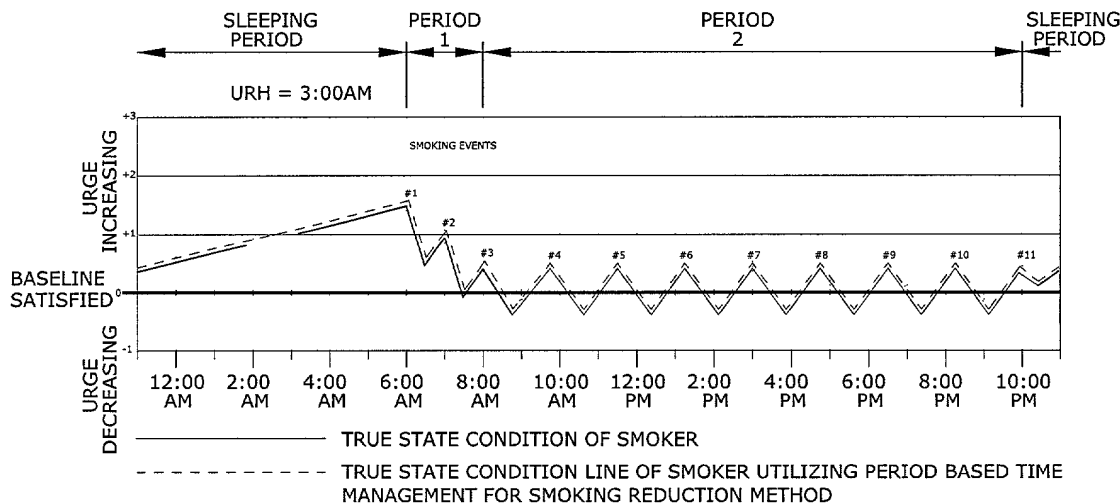
GOAL CIGARETTES PER DAY, DAY 24, 25, 26, 27, 28, 29 (DG) = 12

PERIOD 1 CIGARETE VALUE = (DG) X 30% = 12 X .30 = 4

PERIOD 2 CIGARETE VALUE = (DG) X 70% = 12 X .70 = 8

PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((12 X .30) - 1) = 40 MIN

PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (12 X .70) = 1 HR 45 MIN



STARTING CIGARETTE COUNT (SCC) = 12 (UPDATED BY CPU)

OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10

UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM

PROGRAMMED HOLD DAYS (HD) = 5

CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 12 - ((12 - 10) X .30) = 11

GRAPH 16

DAY 30

REDUCTION DAY

DAY 31, 32, 33, 34, 35  
HOLD DAYS

GOAL CIGARETTES PER DAY, DAY 30, 31, 32, 33, 34, 35 (DG) = 11

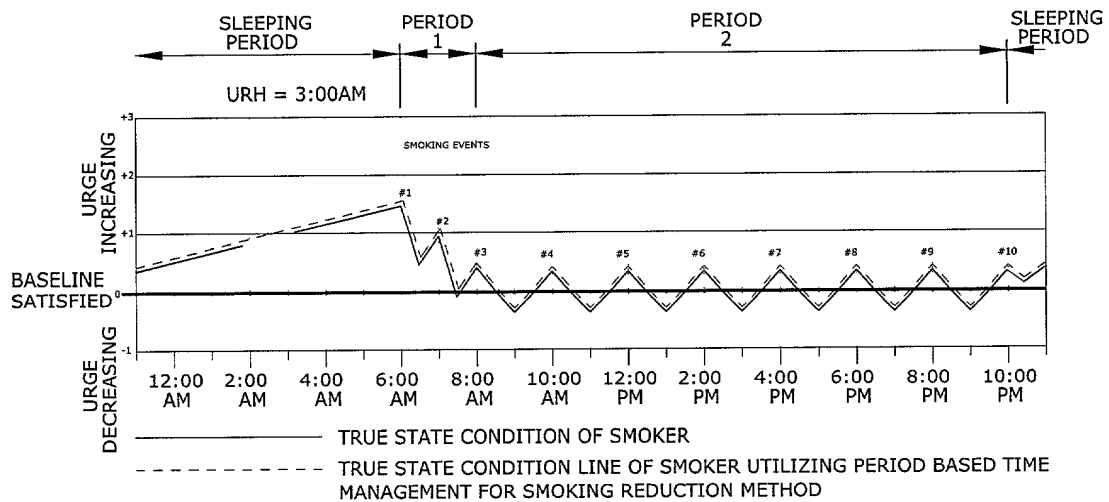
PERIOD 1 CIGARETE VALUE = (DG) X 30% = 11 X .30 = 3

PERIOD 2 CIGARETE VALUE = (DG) X 70% = 11 X .70 = 8

PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((11 X .30) - 1) = 1 HR 0 MIN

PERIOD 2 INCREMENTAL TIME VALUE = 840 / (DG X 70%) = 840 / (11 X .70) = 1 HR 45 MIN

FIG.-9f



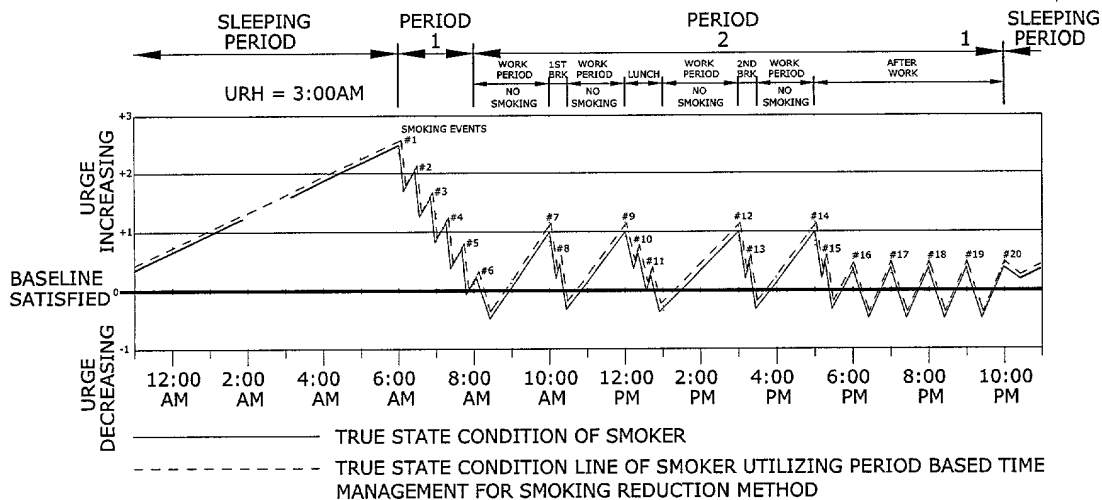
STARTING CIGARETTE COUNT (SCC) = 11 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 11 - ((11 - 10) \times .30) = 10$

GRAPH 17  
 DAY 36  
 REDUCTION DAY  
 DAY 37 AND ON  
 HOLD DAYS

GOAL CIGARETTES PER DAY, DAY 36, 37 AND ON (DG) = 10  
 PERIOD 1 CIGARETTE VALUE =  $(\text{DG}) \times 30\% = 10 \times .30 = 3$   
 PERIOD 2 CIGARETTE VALUE =  $(\text{DG}) \times 70\% = 10 \times .70 = 7$   
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((10 \times .30) - 1) = 1 \text{ HR } 0 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (10 \times .70) = 2 \text{ HR } 0 \text{ MIN}$



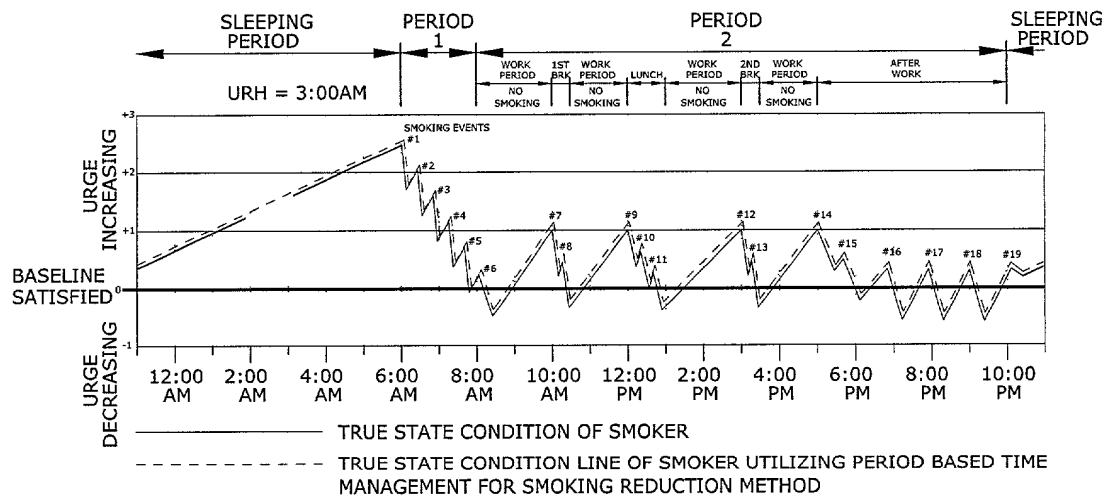
# FIG.-10a



STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 20 - ((20 - 10) X .30) = 17

GOAL CIGARETTES PER DAY, DAY 1 (DG) = 20  
 PERIOD 1 CIGARETTE VALUE = (DG) X 30% = 20 X .30 = 6  
 PERIOD 2 CIGARETTE VALUE = (DG) X 70% = 20 X .70 = 14  
 PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((20 X .30) - 1) = 24 MIN  
 PERIOD 2 INCREMENTAL TIME VALUE = 840 / ((DG X 70%) - 1) = 840 / ((20 X .70) - 1) = 1 HR 0 MIN

GRAPH 18  
 DAY 1  
 HOLD DAY

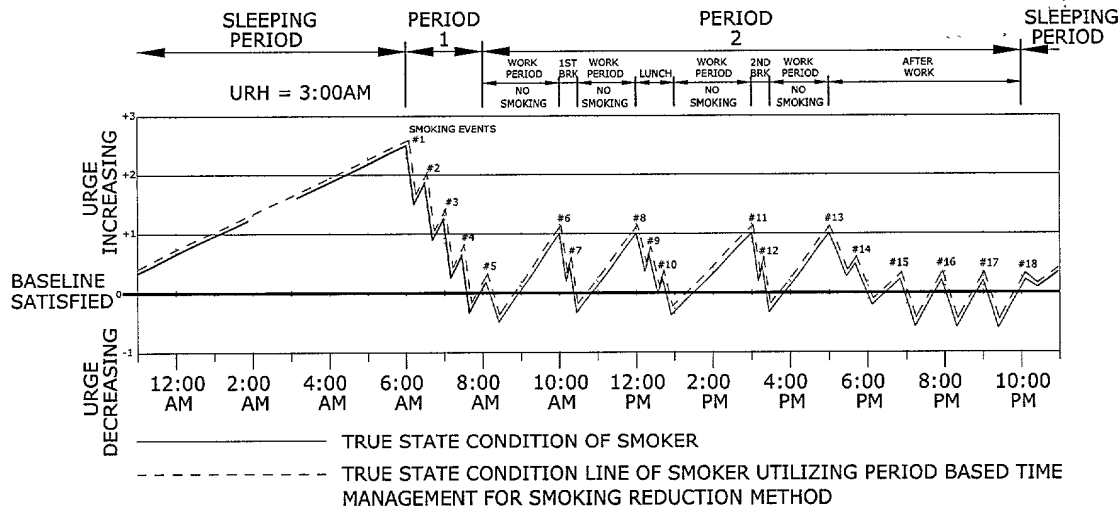


STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 CALCULATED HOLD DAY GOAL (HDG) = (SCC) - ((SCC - DGD) X 30%) = 20 - ((20 - 10) X .30) = 17

GOAL CIGARETTES PER DAY, DAY 2 (DG) = 19  
 PERIOD 1 CIGARETTE VALUE = (DG) X 30% = 19 X .30 = 6  
 PERIOD 2 CIGARETTE VALUE = (DG) X 70% = 19 X .70 = 13  
 PERIOD 1 INCREMENTAL TIME VALUE = 120 / ((DG X 30%) - 1) = 120 / ((19 X .30) - 1) = 24 MIN  
 PERIOD 2 INCREMENTAL TIME VALUE = 840 / ((DG X 70%) - 1) = 840 / ((19 X .70) - 1) = 1 HR 5 MIN

GRAPH 19  
 DAY 2  
 REDUCTION DAY

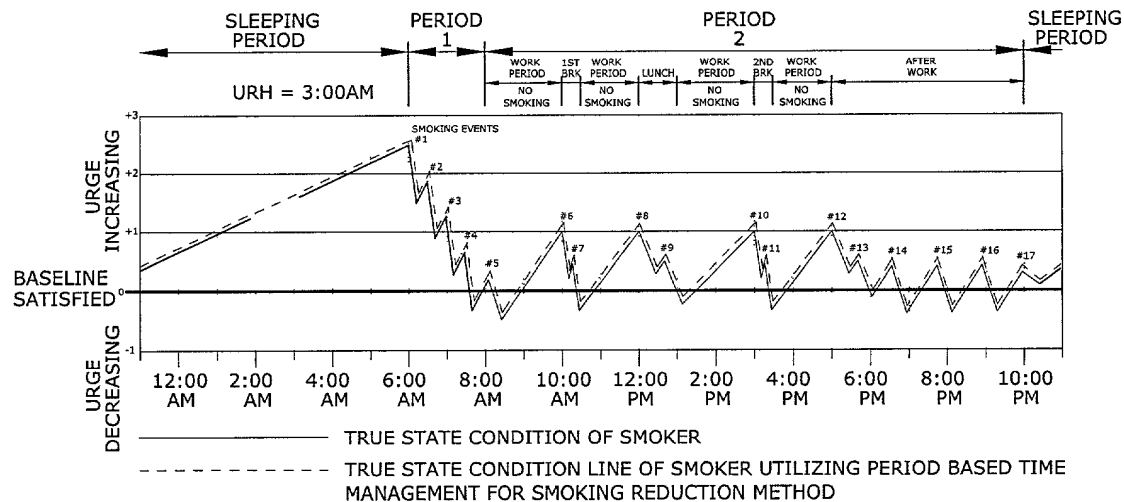
# FIG.-10b



STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 20 - ((20 - 10) \times .30) = 17$

GOAL CIGARETTES PER DAY, DAY 3 (DG) = 18  
 PERIOD 1 CIGARETTE VALUE = (DG)  $\times$  30% = 18  $\times$  .30 = 5  
 PERIOD 2 CIGARETTE VALUE = (DG)  $\times$  70% = 18  $\times$  .70 = 13  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((18 \times .30) - 1) = 30 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (18 \times .70) = 1 \text{ HR } 5 \text{ MIN}$

GRAPH 20  
 DAY 3  
 REDUCTION DAY



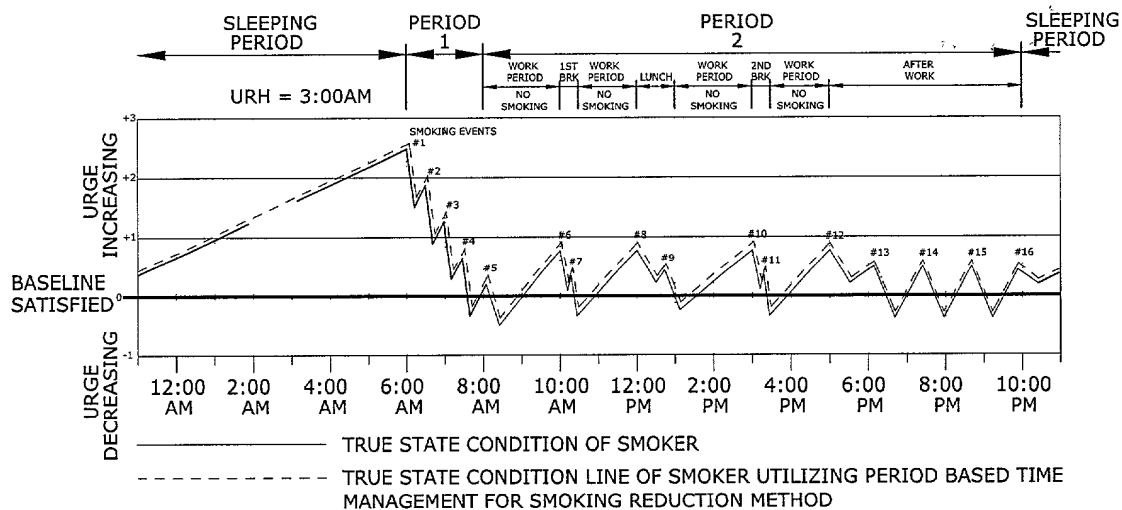
STARTING CIGARETTE COUNT (SCC) = 20 (PROGRAMMED)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 20 - ((20 - 10) \times .30) = 17$

GOAL CIGARETTES PER DAY, DAY 4, 5, 6, 7, 8, 9 (DG) = 17  
 PERIOD 1 CIGARETTE VALUE = (DG)  $\times$  30% = 17  $\times$  .30 = 5  
 PERIOD 2 CIGARETTE VALUE = (DG)  $\times$  70% = 17  $\times$  .70 = 12  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((17 \times .30) - 1) = 30 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (17 \times .70) = 1 \text{ HR } 10 \text{ MIN}$

GRAPH 21  
 DAY 4  
 REDUCTION DAY  
 DAY 5, 6, 7, 8, 9  
 HOLD DAYS

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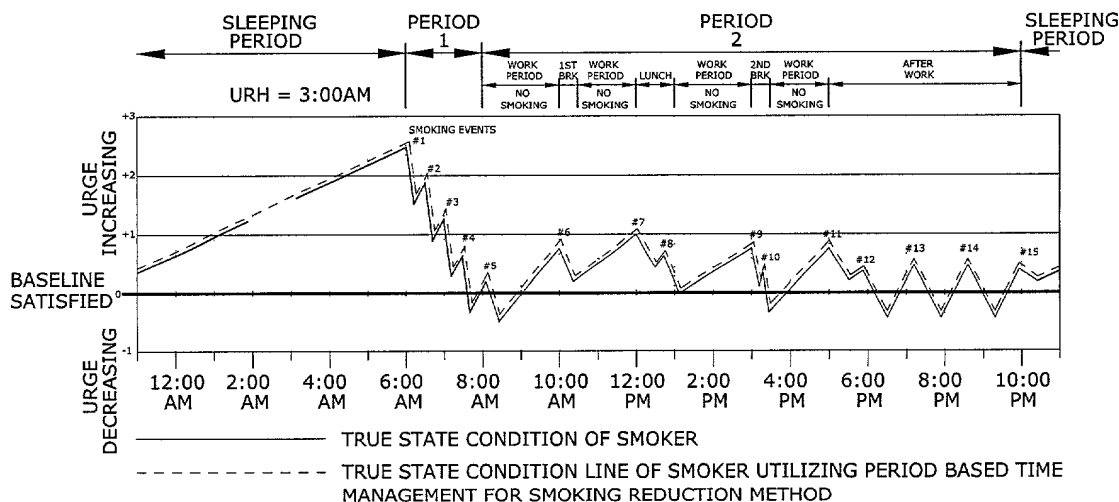
# FIG.-10c



STARTING CIGARETTE COUNT (SCC) = 17 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 17 - ((17 - 10) \times .30) = 15$

GOAL CIGARETTES PER DAY, DAY 10 (DG) = 16  
 PERIOD 1 CIGARETE VALUE = (DG)  $\times$  30% = 16  $\times$  .30 = 5  
 PERIOD 2 CIGARETE VALUE = (DG)  $\times$  70% = 16  $\times$  .70 = 11

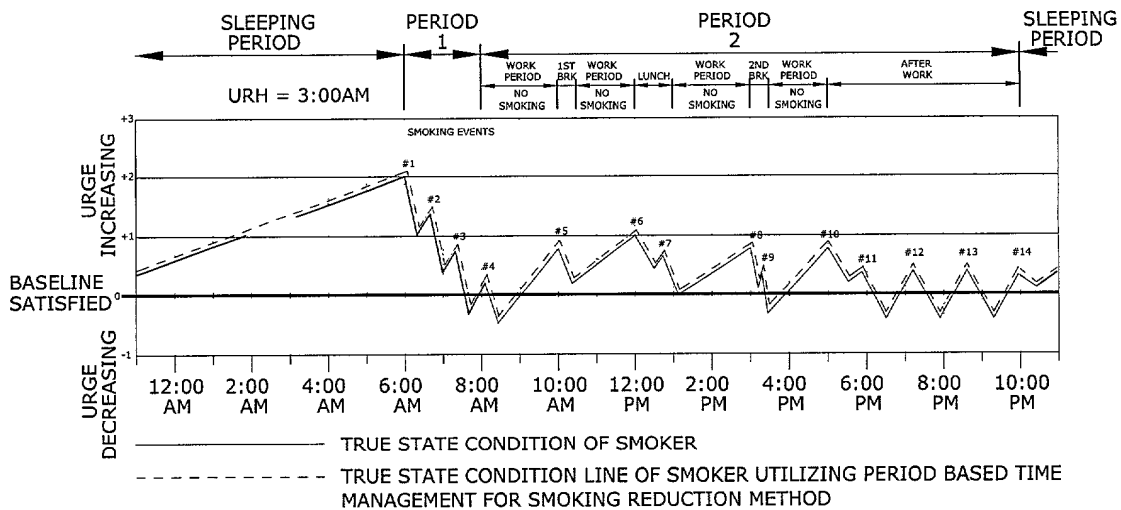
GRAPH 22  
 DAY 10  
 REDUCTION DAY  
 $\text{PERIOD 1 INCREMENTAL TIME VALUE} = 120 / ((\text{DG} \times 30\%) - 1) = 120 / ((16 \times .30) - 1) = 30 \text{ MIN}$   
 $\text{PERIOD 2 INCREMENTAL TIME VALUE} = 840 / (\text{DG} \times 70\%) = 840 / (16 \times .70) = 1 \text{ HR } 16 \text{ MIN}$



STARTING CIGARETTE COUNT (SCC) = 17 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 17 - ((17 - 10) \times .30) = 15$

GRAPH 23  
 DAY 11  
 REDUCTION DAY  
 DAY 12, 13, 14, 15, 16  
 HOLD DAYS  
 $\text{GOAL CIGARETTES PER DAY, DAY 11, 12, 13, 14, 15, 16 (DG)} = 15$   
 $\text{PERIOD 1 CIGARETE VALUE} = (\text{DG}) \times 30\% = 15 \times .30 = 5$   
 $\text{PERIOD 2 CIGARETE VALUE} = (\text{DG}) \times 70\% = 15 \times .70 = 10$   
 $\text{PERIOD 1 INCREMENTAL TIME VALUE} = 120 / ((\text{DG} \times 30\%) - 1) = 120 / ((15 \times .30) - 1) = 30 \text{ MIN}$   
 $\text{PERIOD 2 INCREMENTAL TIME VALUE} = 840 / (\text{DG} \times 70\%) = 840 / (15 \times .70) = 1 \text{ HR } 24 \text{ MIN}$

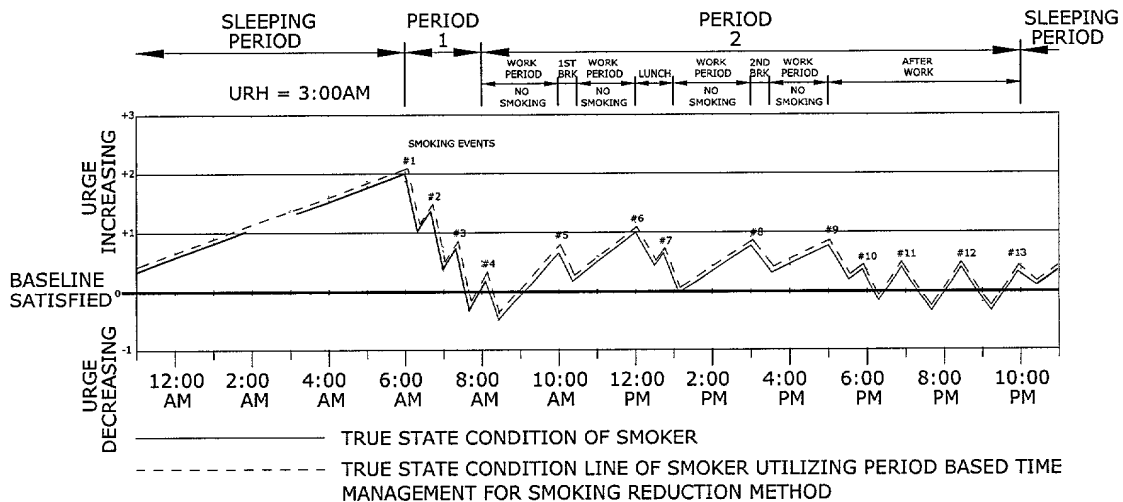
# FIG.-10d



STARTING CIGARETTE COUNT (SCC) = 15 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 15 - ((15 - 10) \times .30) = 13$

GOAL CIGARETTES PER DAY, DAY 17 (DG) = 14  
 PERIOD 1 CIGARETTE VALUE = (DG)  $\times$  30% = 14  $\times$  .30 = 4  
 PERIOD 2 CIGARETTE VALUE = (DG)  $\times$  70% = 14  $\times$  .70 = 10  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((14 \times .30) - 1) = 40 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (14 \times .70) = 1 \text{ HR } 24 \text{ MIN}$

GRAPH 24  
 DAY 17  
 REDUCTION DAY

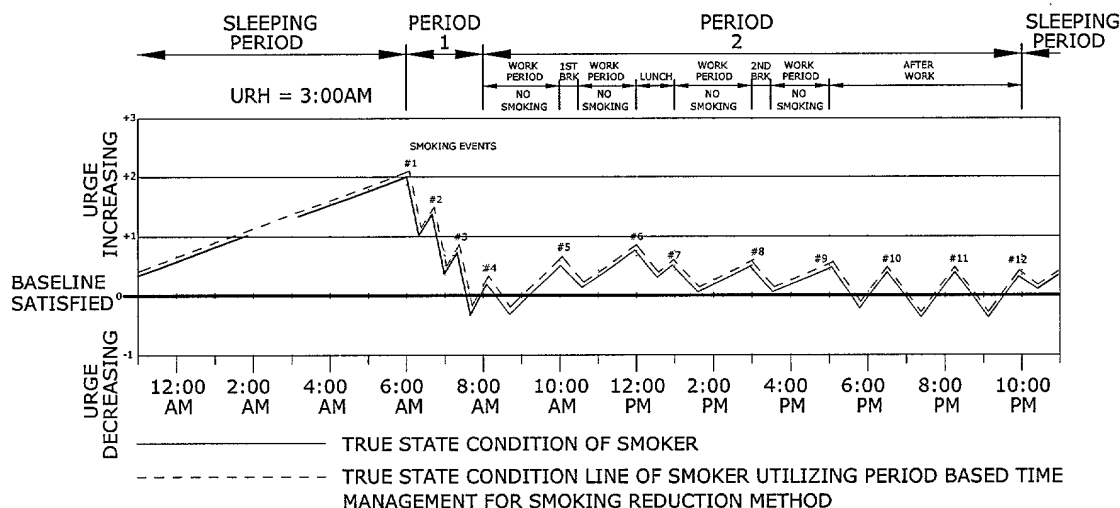


STARTING CIGARETTE COUNT (SCC) = 15 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 15 - ((15 - 10) \times .30) = 13$

GOAL CIGARETTES PER DAY, DAY 18, 19, 20, 21, 22, 23 (DG) = 13  
 PERIOD 1 CIGARETTE VALUE = (DG)  $\times$  30% = 13  $\times$  .30 = 4  
 PERIOD 2 CIGARETTE VALUE = (DG)  $\times$  70% = 13  $\times$  .70 = 9  
 PERIOD 1 INCREMENTAL TIME VALUE =  $120 / ((\text{DG} \times 30\%) - 1) = 120 / ((13 \times .30) - 1) = 40 \text{ MIN}$   
 PERIOD 2 INCREMENTAL TIME VALUE =  $840 / (\text{DG} \times 70\%) = 840 / (13 \times .70) = 1 \text{ HR } 33 \text{ MIN}$

GRAPH 25  
 DAY 18  
 REDUCTION DAY  
 DAY 19, 20, 21, 22, 23  
 HOLD DAYS

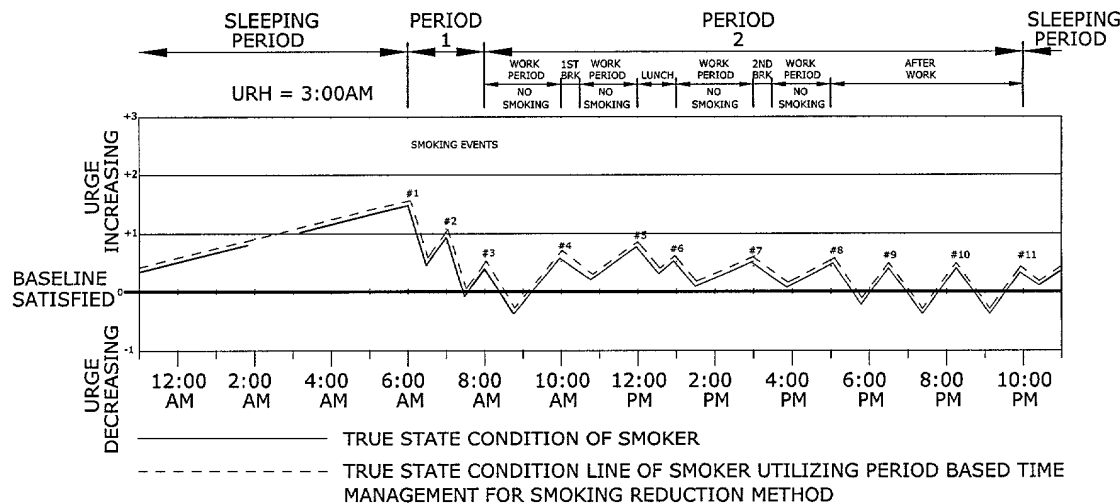
# FIG.-10e



STARTING CIGARETTE COUNT (SCC) = 13 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 13 - ((13 - 10) \times .30) = 12$

GRAPH 26  
 DAY 24  
 REDUCTION DAY  
 DAY 25, 26, 27, 28, 29,  
 HOLD DAYS

GOAL CIGARETTES PER DAY, DAY 24, 25, 26, 27, 28, 29 (DG) = 12  
 $\text{PERIOD 1 CIGARETTE VALUE} = (\text{DG}) \times 30\% = 12 \times .30 = 4$   
 $\text{PERIOD 2 CIGARETTE VALUE} = (\text{DG}) \times 70\% = 12 \times .70 = 8$   
 $\text{PERIOD 1 INCREMENTAL TIME VALUE} = 120 / ((\text{DG} \times 30\%) - 1) = 120 / ((12 \times .30) - 1) = 40 \text{ MIN}$   
 $\text{PERIOD 2 INCREMENTAL TIME VALUE} = 840 / (\text{DG} \times 70\%) = 840 / (12 \times .70) = 1 \text{ HR } 45 \text{ MIN}$



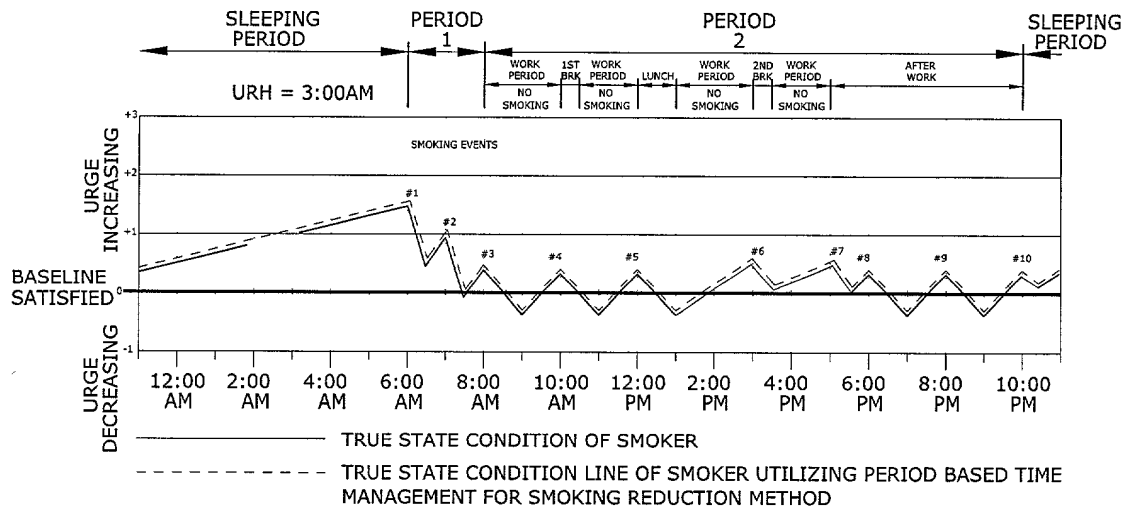
STARTING CIGARETTE COUNT (SCC) = 12 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 12 - ((12 - 10) \times .30) = 11$

GRAPH 27  
 DAY 30  
 REDUCTION DAY  
 DAY 31, 32, 33, 34, 35  
 HOLD DAYS

GOAL CIGARETTES PER DAY, DAY 30, 31, 32, 33, 34, 35 (DG) = 11  
 $\text{PERIOD 1 CIGARETTE VALUE} = (\text{DG}) \times 30\% = 11 \times .30 = 3$   
 $\text{PERIOD 2 CIGARETTE VALUE} = (\text{DG}) \times 70\% = 11 \times .70 = 8$   
 $\text{PERIOD 1 INCREMENTAL TIME VALUE} = 120 / ((\text{DG} \times 30\%) - 1) = 120 / ((11 \times .30) - 1) = 1 \text{ HR } 0 \text{ MIN}$   
 $\text{PERIOD 2 INCREMENTAL TIME VALUE} = 840 / (\text{DG} \times 70\%) = 840 / (11 \times .70) = 1 \text{ HR } 45 \text{ MIN}$

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# FIG.-10f



STARTING CIGARETTE COUNT (SCC) = 11 (UPDATED BY CPU)  
 OVERALL REDUCTION GOAL, CIGARETTES PER DAY (DGD) = 10  
 UNIT RESET HOUR (URH) PROGRAMMED = 3:00 AM  
 PROGRAMMED HOLD DAYS (HD) = 5  
 $\text{CALCULATED HOLD DAY GOAL (HDG)} = (\text{SCC}) - ((\text{SCC} - \text{DGD}) \times 30\%) = 11 - ((11 - 10) \times .30) = 10$

GRAPH 28  
 DAY 36  
 REDUCTION DAY  
 DAY 37 AND ON  
 HOLD DAYS

GOAL CIGARETTES PER DAY, DAY 36, 37 AND ON (DG) = 10  
 $\text{PERIOD 1 CIGARETTE VALUE} = (\text{DG}) \times 30\% = 10 \times .30 = 3$   
 $\text{PERIOD 2 CIGARETTE VALUE} = (\text{DG}) \times 70\% = 10 \times .70 = 7$   
 $\text{PERIOD 1 INCREMENTAL TIME VALUE} = 120 / ((\text{DG} \times 30\%) - 1) = 120 / ((10 \times .30) - 1) = 1 \text{ HR } 0 \text{ MIN}$   
 $\text{PERIOD 2 INCREMENTAL TIME VALUE} = 840 / (\text{DG} \times 70\%) = 840 / (10 \times .70) = 2 \text{ HR } 0 \text{ MIN}$

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